

# FACT SHEET



## Cleburn Street Well Site Grand Island, Nebraska

April 1998

### SITE UPDATE

The U.S. Environmental Protection Agency (EPA) recently began on-site construction of the selected remedies at the Cleburn Street Well site in Grand Island, Nebraska. The Cleburn Street Well site is located at the northwest corner of Cleburn and North Front Streets.

### SITE BACKGROUND

The Cleburn Street Well was once a drinking water supply well for the city of Grand Island. The well was disconnected from the public water supply in the mid-1980's when volatile organic compounds (VOCs) were detected in water samples from the well. The primary VOC detected was tetrachloroethylene, commonly known as perchloroethylene or PCE. PCE is often used as a solvent in dry cleaning and metal degreasing operations. Follow-up sampling confirmed the presence of PCE in the well and the site was referred to EPA. EPA conducted investigations and placed the site, appropriately named the Cleburn Street Well site, on the National Priorities List in 1992.

Remedial investigations revealed four separate areas of PCE contamination. The primary source area is the former One Hour Martinizing facility located at the southwest

corner of Eddy and 4<sup>th</sup> Streets. Other source areas include the Liberty Services facility at Eddy and 8<sup>th</sup> Streets, the Ideal Cleaners facility at Cedar and 1<sup>st</sup> Streets, and the former Nebraska Solvents Company located near Lincoln and North Front Streets.

### Availability Session Announcement

**EPA will hold an availability session from 3:00 p.m. - 7:00 p.m., Monday, April 13, 1998, at the Edith Abbott Memorial Library, Second & Washington Streets, Grand Island, Nebraska.**

**Representatives from EPA will be available to discuss site activities and answer questions about the site. All interested community members are encouraged to attend.**

### SELECTED REMEDIAL ACTIONS AND REMEDIAL DESIGNS

Remedial actions for the three dry cleaner source areas were selected in June 1996. Remedial designs are complete and on-site construction began the end of March 1998.

## **One Hour Martinizing**

The selected remedy for the former One Hour Martinizing source area includes treatment of the subsurface soil in place using a technology called soil vapor extraction, and treatment of the groundwater by pumping it out of the ground and through an air stripping tower. Treated water will be discharged to the storm sewer.

The soil vapor extraction system consists of four vapor extraction wells and the soil vapor extraction system. Two groundwater extraction wells will be installed and an air stripping tower constructed to treat the contaminated groundwater. A new building will be constructed on the southeast corner of the property to house the process equipment. The building, which will blend in with the surrounding community, will protect the equipment from weather and control operating noise. Construction activities at the former One Hour Martinizing source area will take approximately 4 months to complete.

## **Liberty Services and Ideal Cleaners Source Area**

The selected remedies for the Liberty Services and Ideal Cleaners source areas include installation of groundwater monitoring wells and a monitoring program to observe contaminant levels in the groundwater over time. In addition, city ordinances have been implemented to prevent installation of private wells in the affected areas.

Field activities will include a soil gas survey and the installation of new groundwater monitoring wells. These activities are

expected to take approximately two weeks to complete.

## **Nebraska Solvents Company Source Area**

Remedial actions have not yet been selected for the former Nebraska Solvents Company source area. Appropriate actions will be selected following completion of the necessary investigations.

Field investigation activities are scheduled to begin in April 1998, and include installation of groundwater monitoring wells and collection of subsurface soil, soil gas, and groundwater samples. Union Pacific Railroad Company will be conducting these activities pursuant to an agreement with EPA, an Administrative Consent Order.

## **ADDITIONAL INFORMATION**

For additional information regarding this fact sheet, please contact:

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